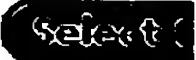


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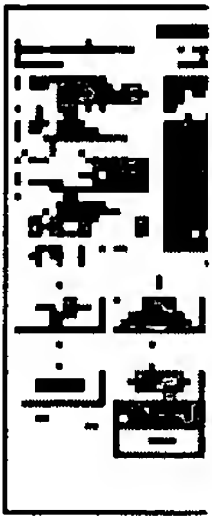
Title: JP63215694A2: 2'-DEOXY-2'(S)-ALKYLPYRIMIDINE NUCLEOSIDE D

Derwent Title: 2'-Deoxy-2'(S)-alkyl:pyrimidine nucleoside derivs. - used as active component in antiviral drugs [\[Derwent Record\]](#)

Country: JP Japan
Kind: A (See also: [JP06099467B4](#))

Inventor: UEDA TORU;
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TAKENUKI KENJI;
MACHIDA HARUHIKO;

Assignee: YAMASA SHOYU CO LTD
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Published / Filed: 1988-09-08 / 1987-03-04

Application Number: JP1987000049540

IPC Code: [C07H 19/09](#); [C07H 19/10](#); [A61K 31/70](#); [C07H 19/06](#); [C07H 19/067](#);

Priority Number: 1987-03-04 JP1987000049540

Abstract: NEW MATERIAL:A compound expressed by formula I (R1 is amino or OH; R2 is H or lower alkyl; R3 is lower alkyl; R4 is H or phosphoric acid residue) or salt thereof.
EXAMPLE: 2'-Deoxy-2'(S)-methylcytidine.
USE: An antiviral agent.
PREPARATION: A saccharide part at the 2'-position of a compound expressed by formula II (R5 is alkoxyl; Z is protecting group) is alkylated with an alkylating agent to provide a compound expressed by formula III. The OH group at the 2'-position of the compound expressed by formula III is then acylated, reduced with a reducing agent and deprotected to afford a compound expressed by formula IV. The base part at the 4-position of the compound expressed by formula IV is subsequently hydrolyzed or aminated and, as desired, the saccharide part at the 5'-position is then phosphorylated.
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PDF	Patent	Pub.Date	Inventor	Assignee	Title
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	US6914054	2005-07-05	Sommadossi; Jean-Pierre	Idenix Pharmaceuticals, Inc.	Methods and cc for treating hep
	US5627053	1997-05-06	Usman; Nassim	Ribozyme Pharmaceuticals, Inc.	2'deoxy-2'-alkyl containing nuck

Other Abstract Info:

[DERABS C88-295964](#) [DERC88-295964](#)



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